

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|----------------------|------------------|
| 37 | 4967 | ((penetrat\$3 permeable permeat\$3 diffus\$4) with (pattern\$4 etch\$3) with (dielectric insulat\$3)) and (cathode electrode) | USPAT; US-PGPUB | 2004/10/16 15:41 |
| 38 | 2454 | ((penetrat\$3 permeable permeat\$3 diffus\$4) with (pattern\$4 etch\$3) with (dielectric insulat\$3)) same (cathode electrode) | USPAT; US-PGPUB | 2004/10/16 15:41 |
| 51 | 25 | ((penetrat\$3 permeable permeat\$3 diffus\$4) with (pattern\$4 etch\$3) with (dielectric insulat\$3)) same (cathode electrode)) and 156/\$.ccls. | USPAT; US-PGPUB | 2004/10/16 15:46 |
| 52 | 1081 | ((penetrat\$3 permeable permeat\$3 diffus\$4) with (pattern\$4 etch\$3) with (dielectric insulat\$3)) same (cathode electrode)) | EPO; JPO; DERWENT | 2004/10/16 15:46 |
| 53 | 15 | ((penetrat\$3 permeable permeat\$3 diffus\$4) with (pattern\$4 etch\$3) with (thick near3 (dielectric insulat\$3))) same (cathode electrode)) | EPO; JPO; DERWENT | 2004/10/16 15:50 |
| 54 | 1 | 5047313.pn. | USPAT; US-PGPUB | 2004/10/16 15:54 |
| 55 | 0 | (multi\$layer\$3 near3 cathode) and (dielectric insulat\$3) | USPAT; US-PGPUB | 2004/10/16 15:55 |
| 56 | 801 | (multi\$layer\$3 with cathode) and (dielectric insulat\$3) | USPAT; US-PGPUB | 2004/10/16 15:55 |
| 57 | 203 | (multi\$layer\$3 near3 cathode) and (dielectric insulat\$3) | USPAT; US-PGPUB | 2004/10/16 15:55 |
| 58 | 67 | (multi\$layer\$3 near3 cathode) and (dielectric insulat\$3) and (313/\$.ccls.) | USPAT; US-PGPUB | 2004/10/16 15:59 |
| 59 | 7 | (multi\$layer\$3 near3 cathode) and (thick near3 (dielectric insulat\$3 isolat\$3)) and (313/\$.ccls.) | USPAT; US-PGPUB | 2004/10/16 16:00 |
| 60 | 333 | ((thick near3 (dielectric insulat\$3 isolat\$3)) thick\$dielectric) and (cathode electrode) and (((electron field) near3 (emitting emission emissive emitter))) and (313/\$.ccls.) | USPAT; US-PGPUB | 2004/10/16 16:40 |
| 61 | 82 | ((thick near3 (dielectric insulat\$3 isolat\$3)) thick\$dielectric) same pattern\$3) and (cathode electrode) and (((electron field) near3 (emitting emission emissive emitter))) and (313/\$.ccls.) | USPAT; US-PGPUB | 2004/10/16 17:11 |
| 62 | 22 | ("3731131" "3998678" "4193013" "4345181" "4498952" "4551649" "4683399" "5019003" "5129850" "5138220" "5141460" "5180951" "5190796" "5199918" "5202571" "5227699" "5249340" "5252833" "5278475" "5371431" "5449970" "5451830").PN. | USPAT | 2004/10/16 16:45 |
| 63 | 4 | ((thick near3 (dielectric insulat\$3 isolat\$3)) thick\$dielectric) same pattern\$3) and (cathode electrode) and (((electron field) near3 (emitting emission emissive emitter))) | EPO; JPO; DERWENT | 2004/10/16 17:08 |
| 64 | 46 | ((thick near3 (dielectric insulat\$3 isolat\$3)) thick\$dielectric) and (cathode electrode) and (((electron field) near3 (emitting emission emissive emitter))) | EPO; JPO; DERWENT | 2004/10/16 17:08 |
| 65 | 3 | ((thick near3 (dielectric insulat\$3 isolat\$3)) thick\$dielectric) same pattern\$3) and (cathode electrode) and (((electron field) near3 (emitting emission emissive emitter))) and (216/\$.ccls.) | USPAT; US-PGPUB | 2004/10/16 17:13 |
| 66 | 62 | ((thick near3 (dielectric insulat\$3 isolat\$3)) thick\$dielectric) with pattern\$3) and (cathode electrode) and (((electron field) near3 (emitting emission emissive emitter))) | USPAT; US-PGPUB | 2004/10/16 17:21 |
| 67 | 4 | ("3970887" "4513308" "5266530" "5358908").PN. | USPAT | 2004/10/16 17:13 |
| 68 | 3584 | ((dielectric insulat\$3 isolat\$3) with pattern\$3) and (cathode electrode) and (((electron field) near3 (emitting emission emissive emitter))) | USPAT; US-PGPUB | 2004/10/16 17:22 |
| 69 | 88 | ((dielectric insulat\$3 isolat\$3) with pattern\$3) and (cathode electrode) and (((electron field) near3 (emitting emission emissive emitter))) and (216/\$.ccls.) | USPAT; US-PGPUB | 2004/10/16 19:24 |
| 70 | 19 | ((dielectric insulat\$3 isolat\$3) with thick with pattern\$3) and (216/13,17,62,87,95.ccls.) | USPAT; US-PGPUB | 2004/10/16 19:25 |
| 71 | 19 | ((dielectric insulat\$3 isolat\$3) with thick) and (216/62.ccls.) | USPAT; US-PGPUB | 2004/10/16 19:26 |
| 72 | 151 | ((dielectric insulat\$3 isolat\$3)) and (216/62.ccls.) | USPAT; US-PGPUB | 2004/10/16 19:26 |
| 73 | 91 | ((dielectric insulat\$3 isolat\$3)) and (cathode electrode conductor) and (216/62.ccls.) | USPAT; US-PGPUB | 2004/10/16 19:33 |

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| - | 1371 | ((diffus\$3 near3 (pattern\$3 etch\$3)) same (insulat\$3 dielectric) and (cathode electrode) | USPAT; US-PGPUB | 2004/07/20 11:18 |
| - | 5 | ((diffus\$3 near3 (pattern\$3 etch\$3)) same (insulat\$3 dielectric) and (cathode electrode) and 445/\$.ccls. | USPAT; US-PGPUB | 2004/07/20 11:19 |
| - | 20 | ((diffus\$3 near3 (pattern\$3 etch\$3)) same (insulat\$3 dielectric) and (cathode electrode) and 430/\$.ccls. | USPAT; US-PGPUB | 2004/07/20 11:21 |
| - | 31 | ((diffus\$3 near3 (pattern\$3 etch\$3)) same (insulat\$3 dielectric) and (cathode electrode) and 216/\$.ccls. | USPAT; US-PGPUB | 2004/07/20 11:24 |
| - | 49 | ((diffus\$3 near3 (pattern\$3 etch\$3)) same (insulat\$3 dielectric) and (cathode electrode) and 430/\$.ccls.) ((diffus\$3 near3 (pattern\$3 etch\$3)) same (insulat\$3 dielectric) and (cathode electrode) and 216/\$.ccls.) | USPAT; US-PGPUB | 2004/07/20 11:21 |
| - | 113 | ((diffus\$3 with (pattern\$3 etch\$3)) same (insulat\$3 dielectric) and (cathode electrode) and 216/\$.ccls. | USPAT; US-PGPUB | 2004/07/20 11:24 |
| - | 198 | ((diffus\$3 with (pattern\$3 etch\$3)) same (insulat\$3 dielectric) and (cathode electrode) and (216/\$.ccls. 430/\$.ccls. 445/\$.ccls.) | USPAT; US-PGPUB | 2004/07/20 11:24 |
| - | 128 | (diffus\$3 with (pattern\$3 etch\$3) with (insulat\$3 dielectric) and (cathode electrode) and (216/\$.ccls. 430/\$.ccls. 445/\$.ccls.) | USPAT; US-PGPUB | 2004/07/20 11:50 |
| - | 42 | (actinic near3 (radiat\$3)) and 445/\$.ccls. | USPAT; US-PGPUB | 2004/07/20 11:51 |
| - | 42 | (actinic near3 (radiat\$3)) and 445/\$.ccls. | USPAT; US-PGPUB | 2004/07/20 11:51 |
| - | 2 | (actinic near3 (radiat\$3)) and 445/\$.ccls. | USOCR | 2004/07/20 11:51 |
| - | 13 | ((actinic near3 (radiat\$3)) same (dielectric insulat\$3)) and 445/\$.ccls. | USPAT; US-PGPUB | 2004/07/20 13:35 |
| - | 112 | ((actinic near3 (radiat\$3)) same (dielectric insulat\$3)) and (438/\$.ccls. 216/\$.ccls. 430/\$.ccls. 445/\$.ccls.) | USPAT; US-PGPUB | 2004/07/20 13:36 |
| - | 140 | ((actinic near3 (radiat\$3 irradiat\$3 expos\$3 develop\$4)) same (dielectric insulat\$3)) and (438/\$.ccls. 216/\$.ccls. 430/\$.ccls. 445/\$.ccls.) | USPAT; US-PGPUB | 2004/07/20 13:37 |
| - | 66 | ((actinic near3 (radiat\$3 irradiat\$3 expos\$3 develop\$4)) same (dielectric insulat\$3)) and (438/\$.ccls. 216/\$.ccls. 430/\$.ccls. 445/\$.ccls.) and (cathode electrode) | USPAT; US-PGPUB | 2004/07/20 13:38 |
| - | 16 | (actinic with (radiat\$3 irradiat\$3 expos\$3 develop\$4) with (dielectric insulat\$3)) and (438/\$.ccls. 216/\$.ccls. 430/\$.ccls. 445/\$.ccls.) and (cathode electrode) | USPAT; US-PGPUB | 2004/07/20 16:01 |
| - | 10 | (actinic with (radiat\$3 irradiat\$3 expos\$3 develop\$4) with (dielectric insulat\$3)) and (313/\$.ccls.) and (cathode electrode) | USPAT; US-PGPUB | 2004/07/20 15:53 |
| - | 20 | (actinic with (radiat\$3 irradiat\$3 expos\$3 develop\$4) with (dielectric insulat\$3)) and (cathode electrode) and ((field electron) near3 (emitter source emission emitting emissive)) | USPAT; US-PGPUB | 2004/07/20 16:12 |
| - | 2 | (actinic same (radiat\$3 irradiat\$3 expos\$3 develop\$4) same (dielectric insulat\$3)) and (cathode electrode) and ((field electron) near3 (emitter source emission emitting emissive)) | EPO; JPO; DERWENT | 2004/07/20 16:12 |
| - | 1 | 1998-532288.NRAN. | DERWENT | 2004/07/20 16:12 |
| - | 249 | ((diffusion with pattern\$3) same (dielectric insulat\$3)) and ((field electron) near3 (emission source emissive emitting)) | USPAT; US-PGPUB | 2004/07/22 15:44 |
| - | 699 | ((diffusion same pattern\$3) same (dielectric insulat\$3)) and ((field electron) near3 (emission source emissive emitting)) | USPAT; US-PGPUB | 2004/07/22 15:44 |
| - | 0 | (diffus\$4 same (remov\$3 pattern\$3) same actinic same (dielectric insulat\$3)) and ((field electron) near3 (emission source emissive emitting) near3 (display device panel)) | USPAT; US-PGPUB | 2004/07/22 15:47 |
| - | 2 | (diffus\$4 same (remov\$3 pattern\$3) same actinic same (dielectric insulat\$3)) and ((field electron) near3 (emission source emissive emitting)) | USPAT; US-PGPUB | 2004/07/22 15:47 |
| - | 62 | ((difus\$3 patern\$3 (diffus\$3 near3 pattern\$3)) same (insulat\$3 dielectric isolat\$3)) and (FED ((electron field) near3 (source emitting emission emissive emitter))) | USPAT; US-PGPUB | 2004/10/08 14:03 |
| - | 702 | ((difus\$3 patern\$3 (diffus\$3 with pattern\$3)) same (insulat\$3 dielectric isolat\$3)) and (FED ((electron field) near3 (source emitting emission emissive emitter))) | USPAT; US-PGPUB | 2004/10/08 14:03 |

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| - | 23 | ((diffus\$3patern\$3 (diffus\$3 with pattern\$3)) same (insulat\$3 dielectric isolat\$3)) and (((electron field) near3 (source emitting emission emissive emitter))) and (445/\$.ccls. 313/\$.ccls. 430/\$.ccls.) | USPAT; US-PGPUB | 2004/10/08 14:20 |
| - | 1 | 5032216.pn. | USPAT; US-PGPUB | 2004/10/08 14:15 |
| - | 4 | 5209814.pn. 5260163.pn. 5275689.pn. 5306756.pn. | USPAT; US-PGPUB | 2004/10/08 14:16 |
| - | 455 | ((diffus\$3patern\$3 (diffus\$3 with pattern\$3)) same (insulat\$3 dielectric isolat\$3)) and (((electron field) near3 (source emitting emission emissive emitter))) | USPAT; US-PGPUB | 2004/10/08 14:36 |
| - | 7 | ((diffus\$3patern\$3 (diffus\$3 with pattern\$3)) same (insulat\$3 dielectric isolat\$3)) and (((electron field) near3 (source emitting emission emissive emitter))) and 216/\$.ccls. | USPAT; US-PGPUB | 2004/10/08 14:43 |
| - | 0 | ((diffus\$3patern\$3 (diffus\$3 with pattern\$3)) same (insulat\$3 dielectric isolat\$3)) and (((electron field) near3 (source emitting emission emissive emitter))) and 524/\$.ccls. | USPAT; US-PGPUB | 2004/10/08 14:42 |
| - | 1658 | ((diffus\$3patern\$3 (diffus\$3 with pattern\$3)) same (insulat\$3 dielectric isolat\$3)) and (electrode cathode) and (430/\$.ccls. 445/\$.ccls. 313/\$.ccls. 438/\$.ccls. 216/\$.ccls.) | USPAT; US-PGPUB | 2004/10/08 14:43 |
| - | 455 | ((diffus\$3patern\$3 (diffus\$3 with pattern\$3)) same (insulat\$3 dielectric isolat\$3)) and (((electron field) near3 (source emitting emission emissive emitter))) | USPAT; US-PGPUB | 2004/10/08 14:44 |
| - | 455 | ((diffus\$3patern\$3 (diffus\$3 with pattern\$3)) same (insulat\$3 dielectric isolat\$3)) and (((electron field) near3 (source emitting emission emissive emitter))) | USPAT; US-PGPUB | 2004/10/08 14:44 |
| - | 455 | ((diffus\$3patern\$3 (diffus\$3 with pattern\$3)) same (insulat\$3 dielectric isolat\$3)) and (((electron field) near3 (source emitting emission emissive emitter))) | USPAT; US-PGPUB | 2004/10/08 14:45 |
| - | 14 | ((diffus\$3patern\$3 (diffus\$3 with pattern\$3)) same (insulat\$3 dielectric isolat\$3)) and (((electron field) near3 (source emitting emission emissive emitter))) | EPO; JPO; DERWENT | 2004/10/08 14:58 |
| - | 22 | ((diffus\$3patern\$3 (diffus\$3 with pattern\$3)) same (insulat\$3 dielectric isolat\$3)) and (electrode cathode anode) | EPO; JPO; DERWENT | 2004/10/08 15:03 |
| - | 766 | ((diffus\$3patern\$3 (diffus\$3 with pattern\$3)) same (insulat\$3 dielectric isolat\$3)) and (electrode cathode anode) | EPO; JPO; DERWENT | 2004/10/08 15:03 |
| - | 763 | ((diffus\$3patern\$3 (diffus\$3 with pattern\$3)) same (insulat\$3 dielectric isolat\$3)) and (electrode cathode) | EPO; JPO; DERWENT | 2004/10/08 15:04 |
| - | 471 | ((diffus\$3patern\$3 (diffus\$3 with pattern\$3)) with (insulat\$3 dielectric isolat\$3)) and (electrode cathode) | EPO; JPO; DERWENT | 2004/10/08 15:05 |
| - | 6 | ((diffus\$3patern\$3 (diffus\$3 with pattern\$3)) with (insulat\$3 dielectric isolat\$3)) and (cathode) | EPO; JPO; DERWENT | 2004/10/08 15:07 |
| - | 228 | ((diffus\$3patern\$3 (diffus\$3 with pattern\$3)) with (insulat\$3 dielectric isolat\$3)) and (cathode) | USPAT; US-PGPUB | 2004/10/08 15:08 |
| - | 2 | ((diffus\$3patern\$3 (diffus\$3 with pattern\$3)) with paste with (insulat\$3 dielectric isolat\$3)) and (cathode) | USPAT; US-PGPUB | 2004/10/08 15:53 |
| - | 3 | ("5032216" "5209814" "5275689").PN. | USPAT | 2004/10/08 15:20 |
| - | 5 | 5385631.URPN. | USPAT | 2004/10/08 15:21 |
| - | 4 | ("5032216" "5037723" "5136207" "5385631").PN. | USPAT | 2004/10/08 15:22 |
| - | 5 | 5385631.URPN. | USPAT | 2004/10/08 15:50 |
| - | 4 | 5635334.URPN. | USPAT | 2004/10/08 15:50 |
| - | 4 | ("5032216" "5037723" "5136207" "5385631").PN. | USPAT | 2004/10/08 15:51 |
| - | 13 | ((diffus\$3patern\$3 (diffus\$3 with pattern\$3)) with paste with (insulat\$3 dielectric isolat\$3)) and (cathode electrode) | USPAT; US-PGPUB | 2004/10/08 15:54 |
| - | 74 | (pattern\$3 with thick with (dielectric insulat\$3 isolat\$3)) and (cathode electrode) and (((electron field) near3 (source emitting emission emissive emitter))) and (313/\$.ccls. 445/\$.ccls.) | USPAT; US-PGPUB | 2004/10/08 16:03 |
| - | 32 | (pattern\$3 with (thick near3 (dielectric insulat\$3 isolat\$3))) and (cathode electrode) and (((electron field) near3 (source emitting emission emissive emitter))) and (313/\$.ccls. 445/\$.ccls.) | USPAT; US-PGPUB | 2004/10/08 16:08 |
| - | 372 | ((thick near3 (dielectric insulat\$3 isolat\$3))) and (cathode electrode) and (((electron field) near3 (emitting emission emissive emitter))) and (313/\$.ccls. 445/\$.ccls.) | USPAT; US-PGPUB | 2004/10/08 16:13 |

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|---|----|--|----------------------|------------------|
| - | 66 | ((thick near3 (dielectric insulat\$3 isolat\$3))) same (conventional known)) and (cathode electrode) and (((electron field) near3 (emitting emission emissive emitter))) and (313/\$.ccls. 445/\$.ccls.) | USPAT; US-PGPUB | 2004/10/08 16:27 |
| - | 0 | (thick\$dielectric same (conventional known)) and (cathode electrode) and (((electron field) near3 (emitting emission emissive emitter))) and (313/\$.ccls. 445/\$.ccls.) | USPAT; US-PGPUB | 2004/10/08 16:28 |
| - | 0 | (thick\$dielectric) and (cathode electrode) and (((electron field) near3 (emitting emission emissive emitter))) | USPAT; US-PGPUB | 2004/10/16 16:00 |
| - | 0 | (thick\$dielectric) and (cathode electrode) and (((electron field) near3 (emitting emission emissive emitter))) | EPO; JPO; DERWENT | 2004/10/08 16:28 |
| - | 9 | (thick near3 dielectric) and (cathode electrode) and (((electron field) near3 (emitting emission emissive emitter))) | EPO; JPO; DERWENT | 2004/10/08 16:31 |
| - | 72 | ((thick near3 dielectric) same pattern\$3) and (cathode electrode) and (((electron field) near3 (emitting emission emissive emitter))) | USPAT; US-PGPUB | 2004/10/08 16:32 |